

FIG. 1

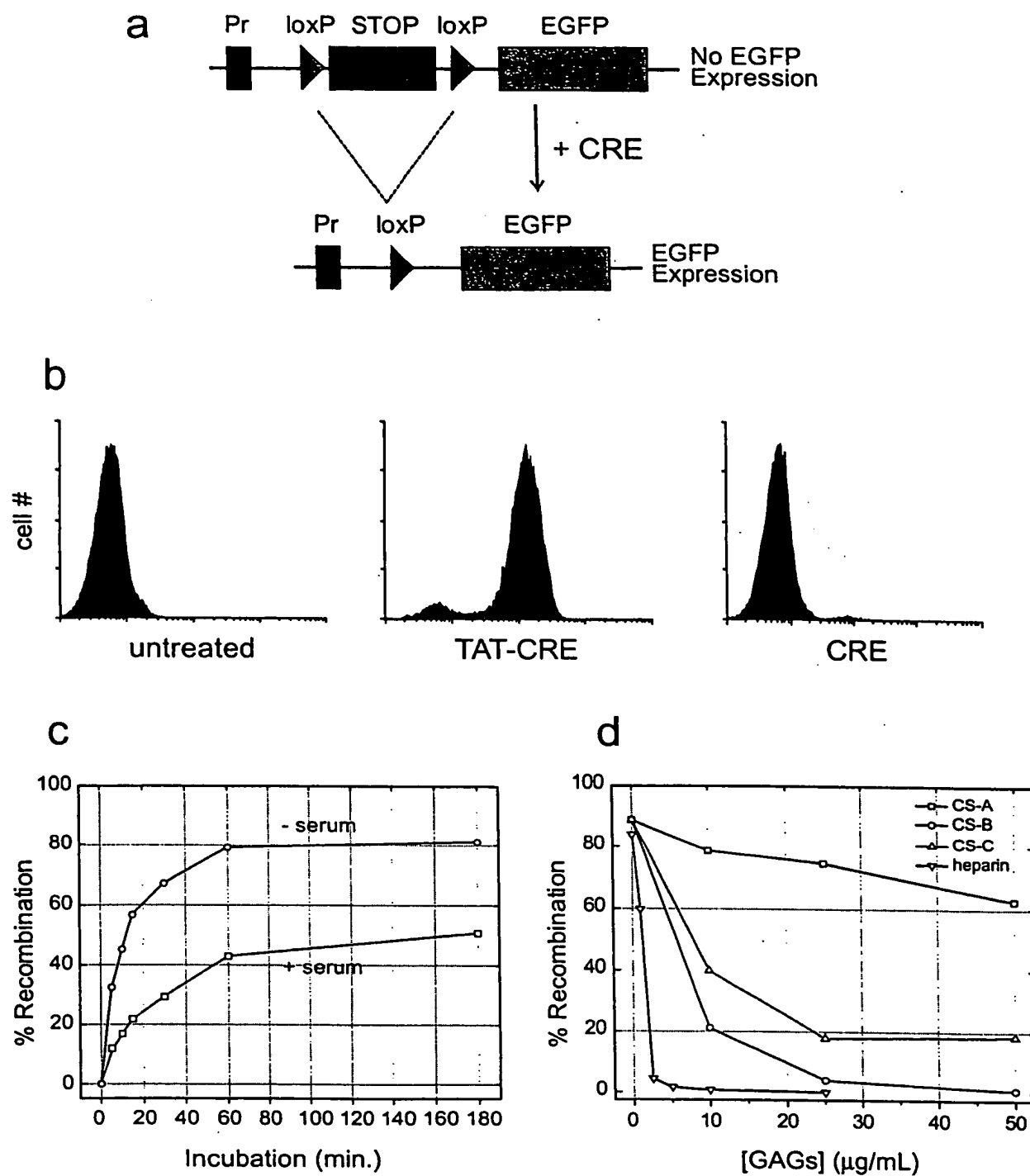


FIG. 2A-D

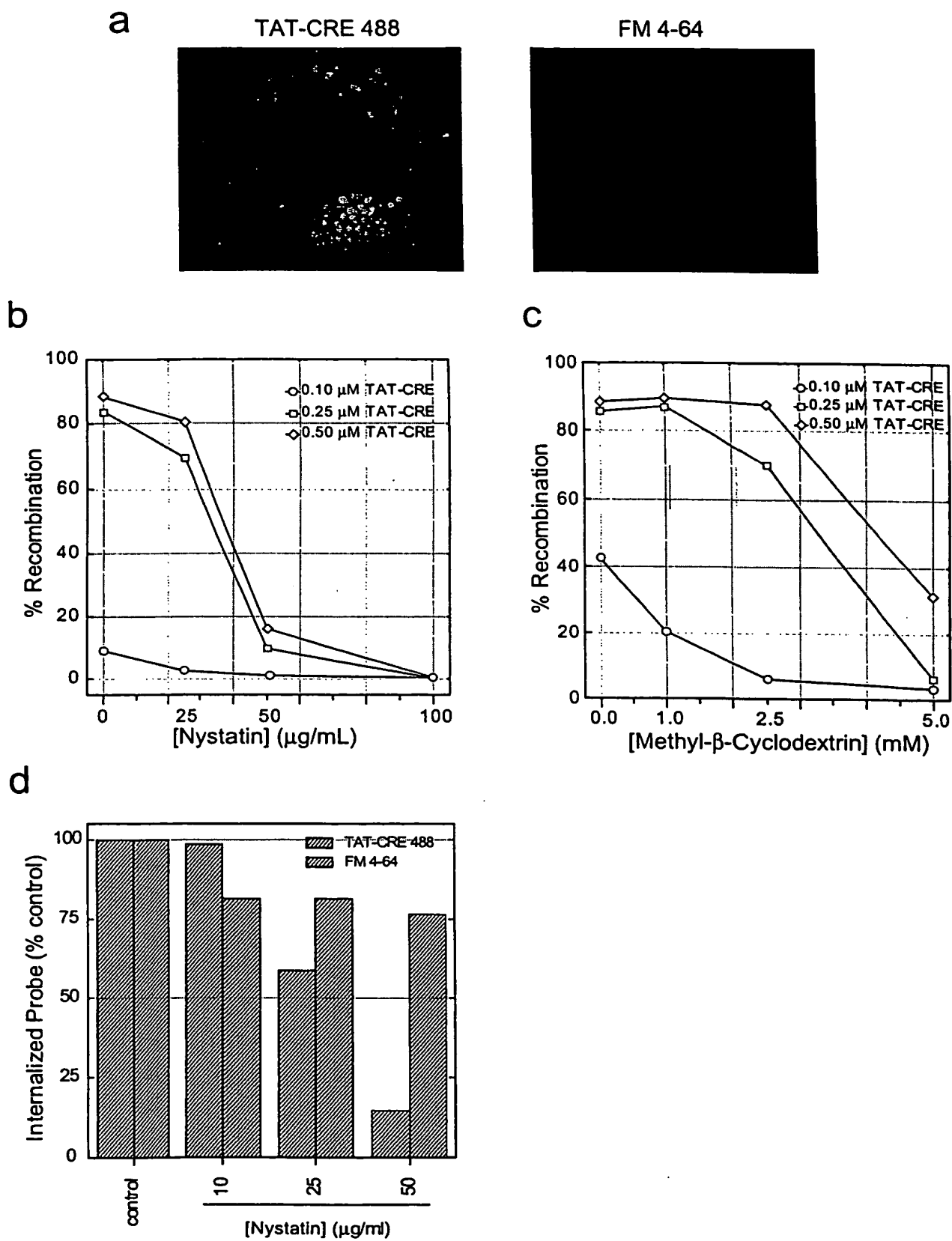
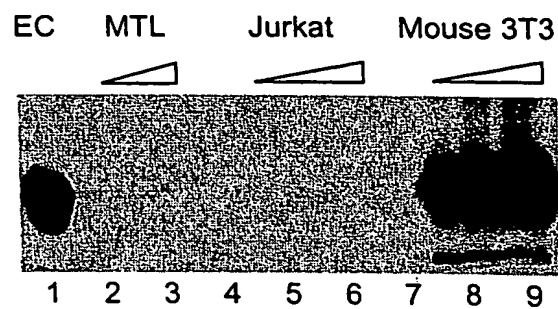


FIG. 3A-D

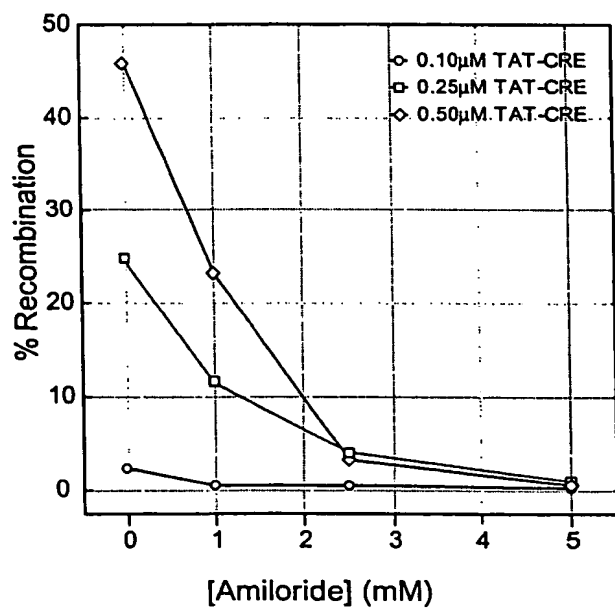
a



b



c



d

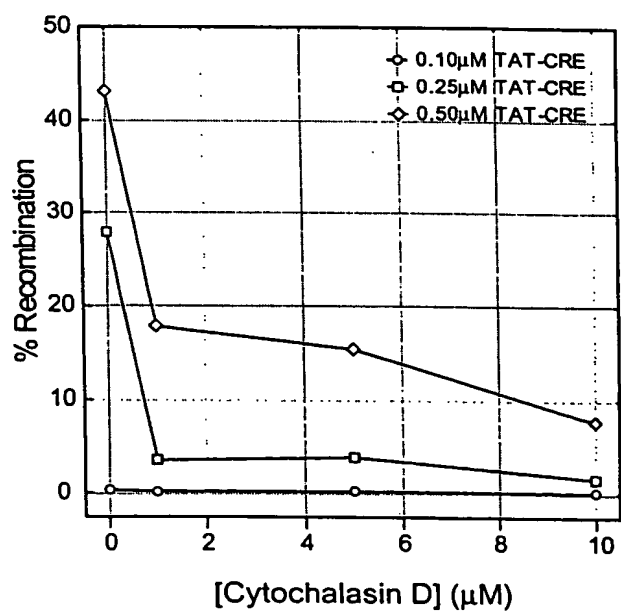


FIG. 4A-D

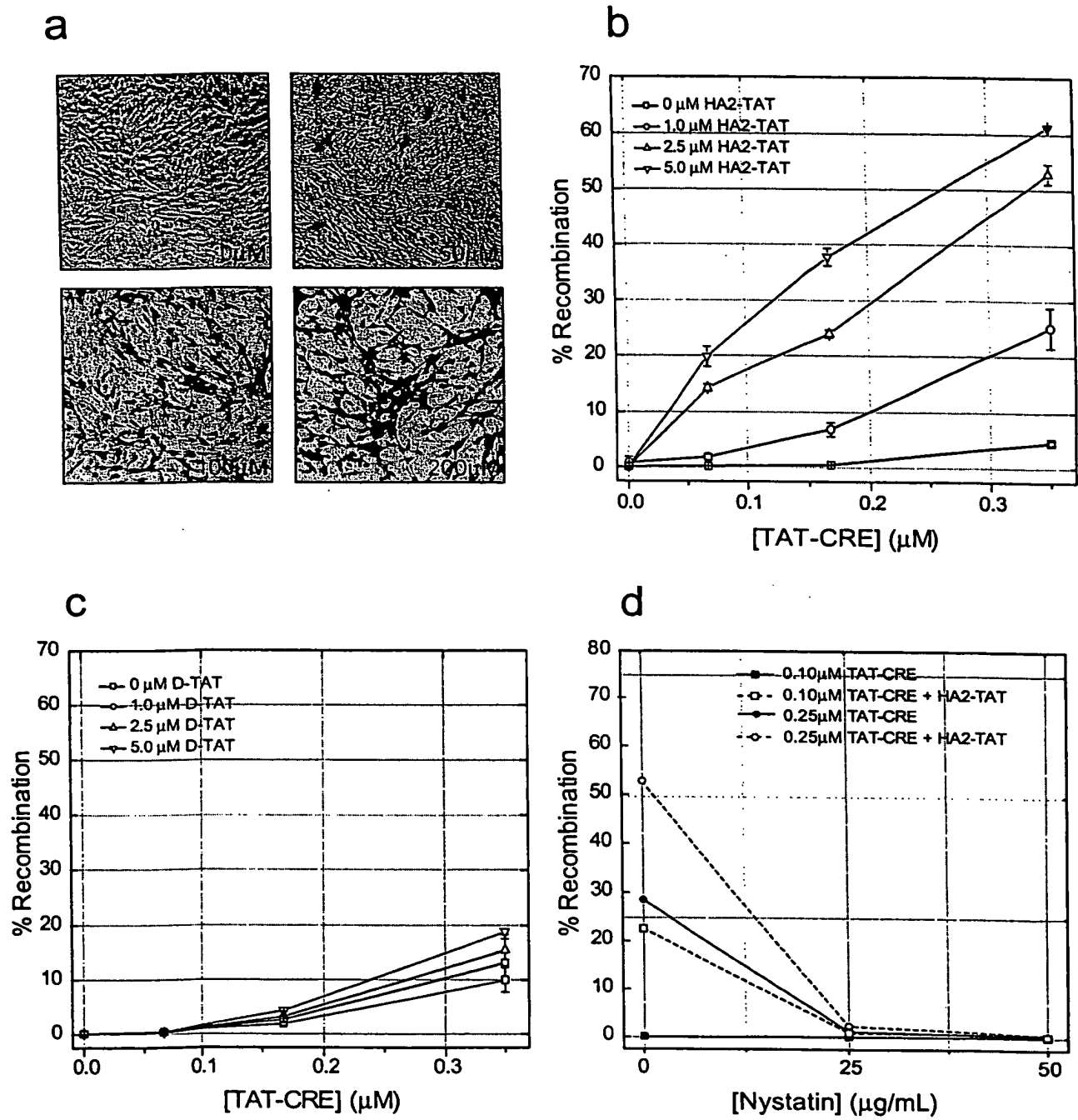


FIG. 5A-D

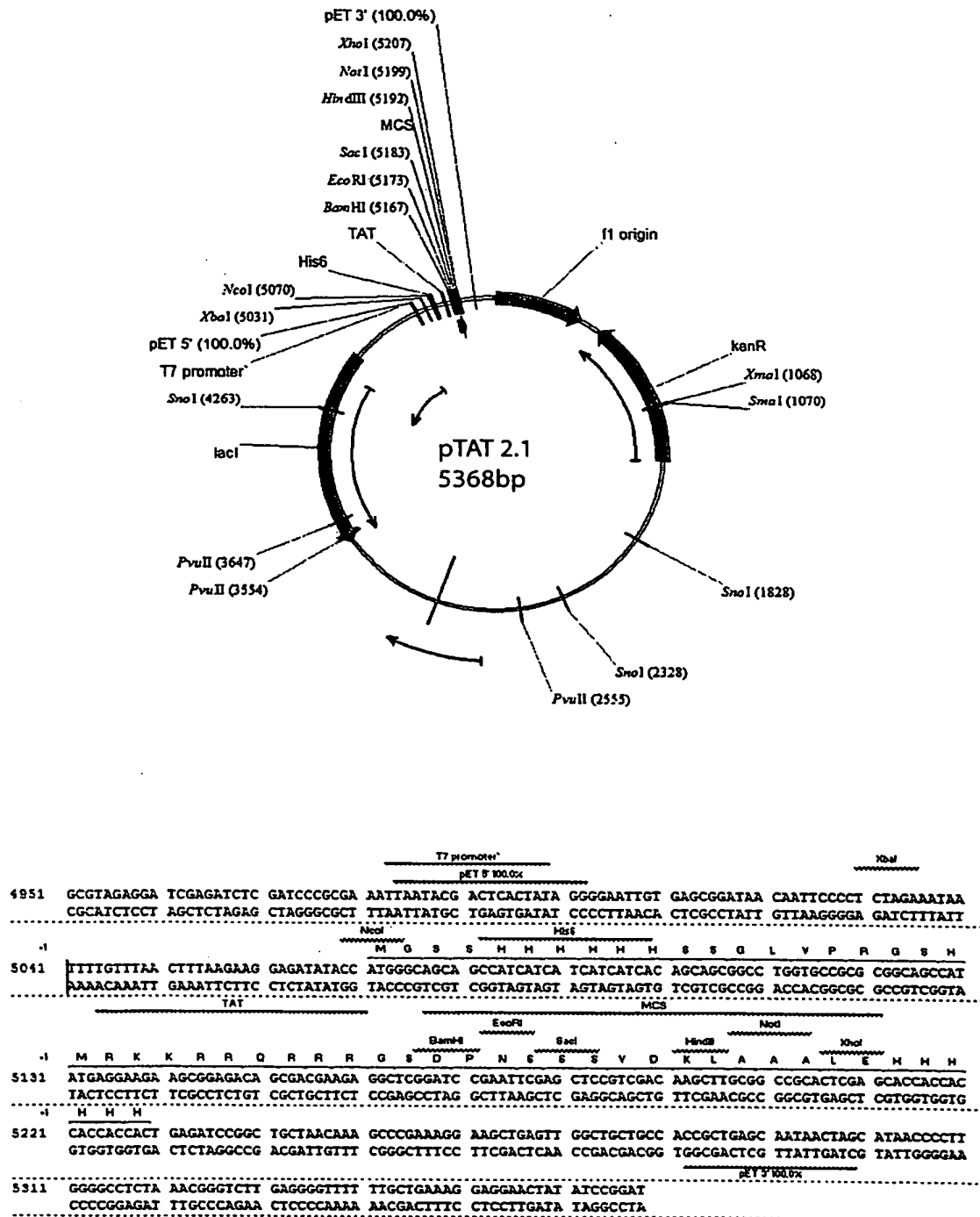
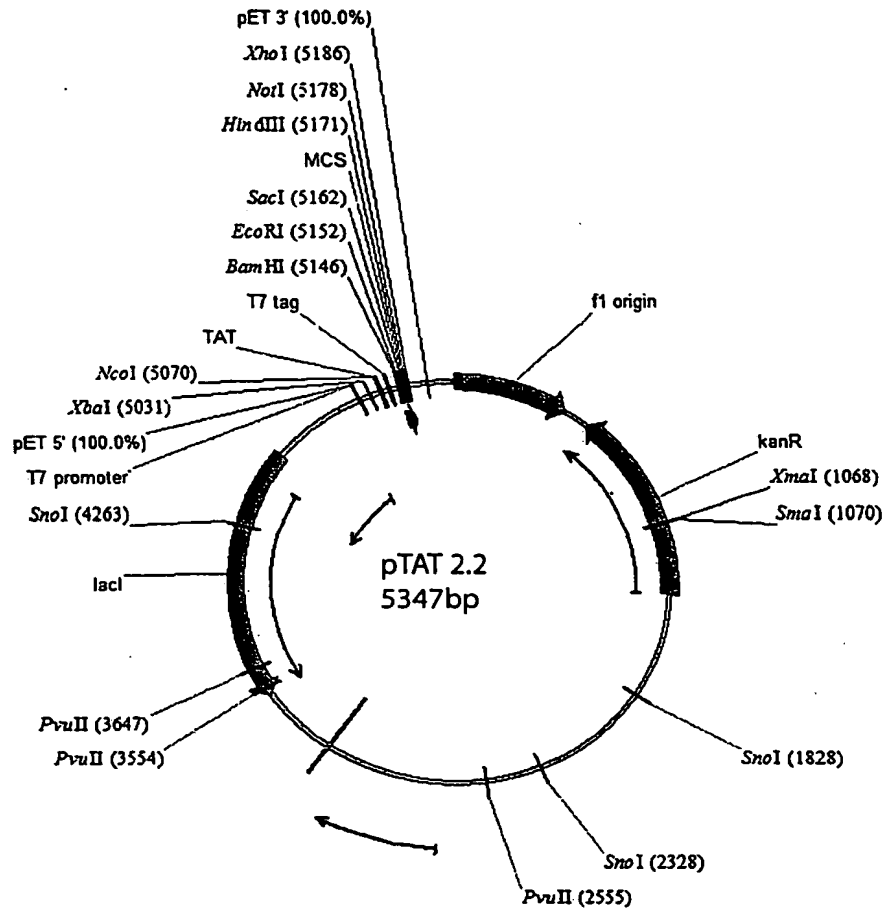


FIG. 6



T7 promoter		pET 5' 100.0%		T7 tag	
4951	GGGTAGAGGA TCGAGATCTC GATCCCGCGA AATTAAATACG ACTCACTATA GGGGAATTGT GAGCGGATAA CAATTCCCTT CTAGAAATAA				
	CGCATCTCTT AGCTCTAGAG CTAGGGCGCT TTAATTATGC TGAGTGATAT CCCCTTAACA CTGGCTATT GTTAAGGGGA GATCTTATT				
M G R K K R R Q R R R G H M A S M T G Q		TAT		T7 tag	
5041	TTTTGTTTAA CTTTAAAGAG GAGATATACC ATGGGCGAGG AGAAGCGGAG ACAGCGACGA AGAGGCCATA TGGCTAGCAT GACTGGTGGG				
	AAAACAAATT GAAATTTTC CTCTATAAGG TACCGTCTT TCTTGGCTC TGTGGCTGCT TCTCGGTAT ACCGATCGTA CTGACCACT				
T7 tag		MCS		T7 tag	
Q Q M G R D P N S S S Y O K L A A A L E H H H H H H		EcoRI		T7 tag	
5131	CAGCAAATGG GTCGGGATCC GAATTCGAGC TCCGTCGACA AGCTTGGGCG CGCACTCGAG CACCACCACC ACCACCACTG AGATCCGGCT				
	GTCGTTTACC CAGCCCTAGG CTAAAGCTCG AGGCAGCTGT TCGAACGCCG GCGTGAGCTC GTGGTGGTGG TGGTGGTGAC TCTAGGCCGA				
5221	GCTAACAAAG CCCGAAAGGA AGCTGAGTTG GCTGCTGCCA CCGCTGAGCA ATAACTAGCA TAACCCCTTG GGGCTCTAA ACGGGTCTTG				
	CGATTGTTTC GGGCTTTCCT TCGACTCAAC CGACGACGGT GCGGACTCGT TATGATCGT ATTGGGGGAC CCCGGAGATT TGCCAGAAC				
T7 tag		T7 tag		T7 tag	

FIG. 7

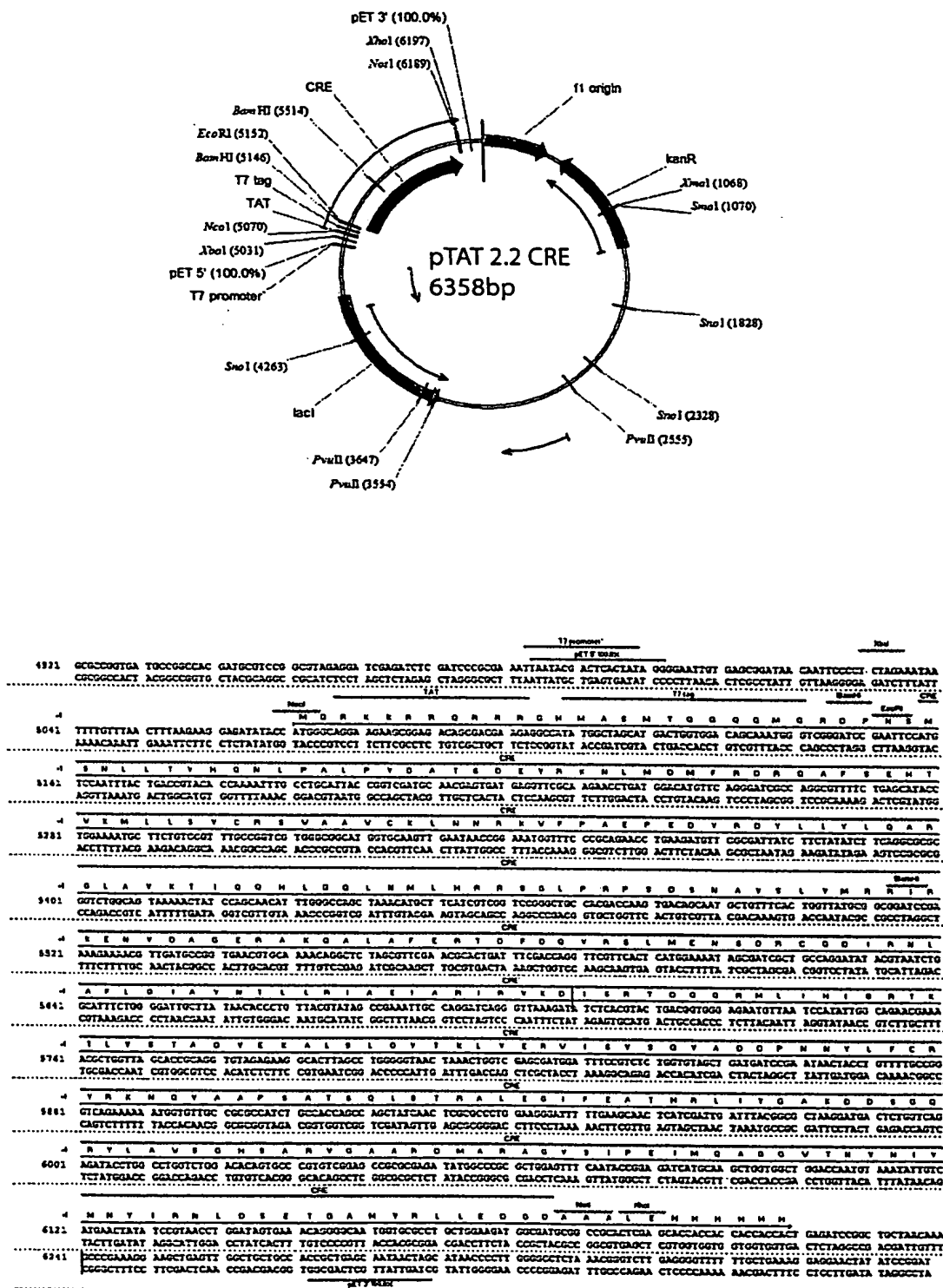


FIG. 8